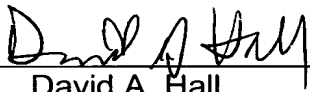## REMARKS

Any fees that may be due in connection with this application throughout its pendency may be charged to Deposit Account No. 50-1213.

Claims 43 and 48 are amended to correct obvious spelling errors. The specification is also amended to correct obvious spelling errors. No new matter has been added to the claims or the specification.

In view of the amendments and above remarks, entry of the amendments and examination of the application on the merits are respectfully requested.

Respectfully submitted,
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KADEL *et al.*

Serial No.:   10/039,306
Conf. No.:   8288

Filed: October 22, 2001

For: *EXTENSIBLE INFORMATION SYSYTEM*

Art Unit: 2183

Examiner: Unassigned

ATTACHMENT TO THE PRELIMINARY AMENDMENT
MARKED UP PARAGRAPHS AND CLAIMS (37 CFR §1.121)

IN THE SPECIFICATION:

Please amend the specification as follows:

Please amend the paragraphs on page 100, lines 10-19, as follows:

Data item commands, also known as JAF Commands (based on "JavaBeans Activation Framework") may also be implemented within XIS. The JAF API is a part of Java and provides a way to associate commands with object. By using JAF, developers may take advantage of standard Java interfaces to determine the type of an [artitrary]arbitrary piece of data, encapsulate access to it, discover the operations available for it, and to instantiate the appropriate bean to perform said operation(s). For example, if a browser obtained a JPEG image, JAF would enable the browser to identify that the stream of data is a JPEG image, and from that type, the browser could locate and instantiate an object that could manipulate, or view that image. JAF commands are typically used in pop-up menus or menu bars to control objects.

Please amend the paragraph on page 102, lines 18-25, as follows:

Figure 40 is a block diagram of a computer that may be used to implement the framework described herein. The framework may be used in a single computer, or may be used in conjunction with one or more computers that may communicate with each other over a network to share data. Those skilled in the art will appreciate

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that the various data objects, framework extensions, and other processes described above may be implemented with one or more computers, all of which may have a similar computer construction to that [illstrated]illustrated in Figure 40, or may have alternative constructions consistent with the capabilities described herein.

Please amend the paragraph on page 104, lines 17-24, as follows:

It should be understood that the any device that supports the framework [envirnonment]environment described above, acting as a host computer, will typically have a construction similar to that shown in Figure 40, so that details described with respect to the Figure 40 computer 4000 will be understood to apply to all computers of any network system in which the framework or framework-developed applications are utilized. Alternatively, the devices can have an alternative construction, so long as the computer can communicate with the other computers and can support the functionality described herein.

IN THE CLAIMS:

Please amend claims 43 and 48 as follows;

43.   A method as defined in claim 39, further including specifying an attribute alias by a user to indicate any data source attributes of an attribute domain that may be [subtitued]substituted with attributes of a different attribute domain.

48.   A method as defined in claim 36, further including providing a collaboration facility that permits a user at a [nework]network computer remote from the computer system to share a view of a data object at the remote network computer.